

ABSTRACT

The invention relates to a cumulative, evolving molecular database of monospecific probes and their characteristics. In particular, the invention relates to a computer repository of histograms based upon quantitative flow cytometry. The invention further relates to a system containing a database of monospecific probe properties, the database connected to users through a network to allow users to enter selection criteria and retrieve monospecific probe properties. The invention further relates to a data set useful to refine existing analytic algorithms. The refinement of these algorithms enables computer searches for relationships between known and unknown monospecific probes. Thus, the invention also provides for searching in the database to identify relationships between monospecific probes, groups of probes, and their targets.